

## New York Visitors Invited By Office

### Union Carbide Wants To Show Off Home

Union Carbide employees, in New York for the big show at Flushing Meadow, are invited to tour the Union Carbide Building, 270 Park Avenue.

Arrangements should be made with the Public Relations Department for a conducted tour of the more interesting facilities in the building. Tours will start at 10:30 a.m., Mondays through Fridays, and are scheduled to last for 30 or 40 minutes. The conducted tour does not include the Atomic Energy exhibit or other lobby exhibits. Employees can visit these exhibits on their own and at their own pace.

Employees wishing to make the tour should call the Public Relations Department Information Center on the 48th Street side of the building lobby (Telephone 551-3726) preferably the day before, to indicate the number of people who wish to be conducted on the tour.

While no tours will be conducted on Saturday or Sunday, the Atomic Energy exhibit is open and the "Petrified River" will be shown on Saturdays. The building is closed on Sunday.

### Products At Fair

There are displays of three Corporation product lines at the World's Fair. High-fashion coats and wigs of Dynel modacrylic fibers, and jewelry with Linde Stars are shown in the Crystal Palace of Fashion in the Better Living Center. The Better Living Center is located in the north-

## 'Atomsville, USA' Section Of World's Fair Designed To Give Children A Better Understanding Of Science And Its Application



"ATOMSVILLE, USA" designed for an audience in the seven to fourteen year age bracket—a point made clear by the fact that the main entrances and exits are only five feet high. However, adults can make themselves comfortable in a special waiting room and watch the antics of the youngsters, by means of a closed-circuit television, as they tour the various sections of the exhibit.

east portion of the fairgrounds as part of the Industrial Exhibitors' Section.

The Underground World Home features Englander Mattresses, made by a new Union Carbide subsidiary, of various types of construction. The Underground Home is located in the southwestern portion of the fairgrounds, in an area between the Avenue of the United Nations

and the Avenue of Transportation, and just across the street from the Hall of Science.

The Y-12 Recreation Department has sold 249 tickets to the World's Fair at a discounted rate through UCC's main office. If you are going to the fair, plan to visit the Union Carbide Corporation building and see the Corporation's product lines at the Flushing Meadow site.

## ORTEC's Neiler Speaker For HPS

The regular meeting of the East Tennessee Chapter of the Health Physics Society will be held Thursday, May 21 at 8:00 p.m. at the ORINS Medical Division Conference Room, East Vance Road. Following the business meeting, the program will feature John H. Neiler, Technical Director, Oak Ridge Technical Enterprises Corporation.

Neiler received his undergraduate training and graduate degrees from the University of Pittsburgh. He served nine years as a physicist with the Oak Ridge National Laboratory, specializing in application of scintillation counters, semiconductor counters, and ultra-fast techniques for nuclear spectrometry.

As Technical Director for ORTEC, Neiler is responsible for the technical aspects of all operations of the corporation which is engaged in the development, fabrication, and marketing of research equipment, primarily in the field of nuclear physics.

Neiler will speak to the health physics group about "Applications of Semi-Conductor Counters to Health Physics Measurements." The meeting and program are open to the public and anyone interested in the field or subject is invited.

## 'Plasma Studies' Topic Of Thermonuclear Talk

The Thermonuclear Division announces as its seminar this week "Plasma Studies." Leading the discussion will be R. V. Neidigh, of the TN Division.

The seminar is scheduled for Thursday, May 21, at 9 a.m. in the conference room of Building 9201-2.

In New York City's Borough of Queens, less than 10 miles from Times Square, is 646 acres of land known as Flushing Meadow Park. This park now houses the 1964-1965 World's Fair . . . to show what America has been in the past . . . what America is going to be in the future . . . with the hope to achieve peace through understanding . . . what America has accomplished through a system of freedom.

This great spectacle has been divided into five sections . . . Industrial, International, Federal and State, Transportation and the Lake Amusement Area, all of which surrounds the Unisphere, a structure 12 stories high, symbolizing a shrinking globe in an expanding universe.

Young visitors will receive special attention in a section of the Atomic Energy Commission's exhibit which will introduce the principles of atomic science to the youngsters as they operate interesting new devices and play "nuclear" games.

This children's section, called "Atomsville, USA," is designed to appeal to youngsters between the ages of seven and fourteen. The rest of the exhibit, titled "Radiation and Man," is also devoted to explaining principles of nuclear science, but for an older audience. It includes other new educational displays and a large percentage of audience-participation devices.

The AEC exhibit, which occupies 3,500 square feet in the Hall of Science was designed and fabricated by the Oak Ridge Institute of Nuclear Studies.

### Designed For Children

The entrance to "Atomsville" is a low doorway to discourage adults and older students, but they will be able to observe the children on closed-circuit television or through one-way glass portholes . . . the outside of the structure is decorated in bold patterns with modernistic caricatures of leading scientific figures.

The exhibit poses a number of questions about atomic energy that will be answered when the youngsters press buttons, push levers and otherwise activate various displays. In addition, there will be a laboratory area staffed with an exhibits manager.

One of the chief displays will be a simulated pool-type reactor showing the characteristic bluish-white glow from Cerenkov radiation. Children will be invited to manipulate the controls to operate the reactor and should the

Continued on Page 4



**MORE PATENT APPLICATIONS** awards are earned by Y-12ers as Roy Huddleston receives his congratulatory letter from Development Division Superintendent W. K. Whitson. Ralph Levey, left, takes his 11th patent application honor. The Levey-Huddleston development was entitled "Pressure Vessel Seal."

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
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(Unofficial Estimate)  
Without A Disabling  
Injury  
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For Daily Report  
On Accident-Free Hours



# The Bulletin

Published Weekly For The  
Y-12 Employees Of  
UNION CARBIDE  
CORPORATION



NUCLEAR DIVISION

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## Coulter Son Receives Honors At University

Dean List Junior  
Heads Fraternity



Ronald M. Coulter

B. B. Coulter, Research Services, has been looking toward Knoxville with pride recently. His son, Ronald M. Coulter, a "dean's list" junior at the University of Tennessee, was recently elected president of Acacia Fraternity at UT.

He was also recently initiated into Scabbard and Blade, national military honor society on the Hill. Selection of S and B honors is based on military performance, leadership, drill and command, plus a high scholastic standing. He is a battalion sergeant major with the Brigade of Cadets at UT, a member of the Tennessee Ranger Company in the Brigade and a member of Adawayhi, UT Pep Club.

Ron is a 1961 graduate of Oak Ridge High School, and plans to do graduate work in wild life management at the University of Idaho. He is majoring in zoology.

## Physics Division Sets Two Seminars For Week

The Oak Ridge National Laboratory's Physics Division announces two seminars this week.

Today, Wednesday, May 20, L. C. Biedenhard, Duke University, will discuss "Operator Structures in the Unitary Groups." The regular seminar Friday will feature P. Armbruster, Kernforschungsanlage, Jülich, Germany, who will discuss "Measurement of the Mean Primary Charge for U<sup>235</sup> Fission Fragments."

Both seminars are slated for 3:15 p.m. today and Friday, and will be held in the East Auditorium of ORNL's 4500 building.



There are hosts of vacations to talk about and other activities to relate. First off, in

### MAINTENANCE



Melissa Deane Lawhorn

This smiling little cutie is Melissa Deane Lawhorn, who came to the J. L. Lawhorn household January 31. The proud papa works in Electrical.

Elsewhere in Electrical, the story is that R. H. Freeman is vacationing in the Peach State with friends and relatives, and plans a little fishing in the Sunshine State... can't beat peaches and sunshine for a nice vacation. R. L. Bolden says he will either visit his daughter in Florida or visit the dentist... what a difficult choice to make.

More than 600,000 U. S. cars are leased. Fewer motorists are rolling their own.

### INDUSTRIAL RELATIONS

Fire and Guard Department reveals that D. H. Patterson, L. A. Litton, W. E. Greer, H. J. Gregory, A. O. Mitchell, S. L. Ray, H. L. Wolfenbarger, R. L. Johnson, R. E. Lewis, D. B. Williams and G. I. Davis are vacationing.

Condolences are extended to W. W. Hammer whose father died recently.

It's said the helicopter will be the car of tomorrow. Don't we have enough hanging over our heads now?

### FABRICATION



Gleneva King

This is one of the reasons E. M. King, Beta-4 is a happy man. This young lady is his daughter, Gleneva, 17 years, who will graduate from Seymour High this month. She will enter business college in Knoxville on June 8.

Down in Beta-4, vacationers include R. H. Hall, L. Johnson, D. E. Perkins, E. J. Sands, R. C. Smitherman and F. J. Marshall.

Get well wishes go to K. O. Goodykoontz who is among the ailing. Jim Gilstrap bought himself a new fishing rod the other day and was real generous with his wife... he gave her his old one and then offered to take her fishing and teach her how to fish. She was only learning, with an old rod, and didn't know any better so she caught all the big ol' fish and Jim didn't drag out anything. He hasn't taken her lately for some unexplained reason. Probably doesn't want to tire her out.

Up in F Area, W. L. Mincey and W. B. Asbury are back from vacations and feeling all rested up. New faces are B. D. Cofer, B. E. Jolley, J. W. Pryor, D. G. Lincoln, W. T. Calhoun, J. L. Clowers, L. V. Mowell, C. C. Thornton and W. J. Foley.

9212 vacationers returning are W. W. Gardner, J. T. Taylor, E. J. Redmon, and G. H. Steinecipher. Hezzie Nobles was planning to do a little golfing Saturday but after checking at home, golfing comes first after the kitchen gets painted. Willie Green returned to work after a one week "honey do" vacation... W. R. Burrell thought he was putting on a few pounds but found out it was only too many road maps and bubble gum wrappers in his pockets... Jack Armes has been taking exercises for the past two months and can do 3 pushups.

H-2 Shop records vacations galore. Buck Bloomer is working at his cabin on Norris Lake... E. Branam is taking his vacation to be with his little daughter who is having an eye operation... R. K. Carper is just relaxing. G. A. Ware is taking one week vacation but said his wife had enough work planned for three. C. A. Nelson will probably get in a little golfing on his week off.

Down in Alpha-5, L. A. Underdown says he's going to spend half of his vacation trying to catch some bass and the other half trying to catch some rest in the Smokies... T. M. Morgan is on vacation to be with his wife who is in the hospital this week... W. J. Barker is on a short vacation in Kentucky.

It isn't easy for a man to run a home. It's easier to go to a bench at the filling station and run the country.

### MATERIALS AND SERVICES DIVISION

Stores state that Maola Conner is vacationing this week at home in Lenoir City... and Fred Sherrod is wetting fishing lines. A fond farewell to Ray Reagan who is leaving. Get well wishes go to C. O. Poland who is in the Oak Ridge Hospital.

Microreproduction and Engineering Services sends get well wishes to Lucille Spence.

### SHIFT SUPERINTENDENTS AND UTILITIES

D Shift's long weekend found Bill Huffman and family motor-ing to Memphis to visit relatives... N. M. Standridge trying out his new Johnson motor... and D. Stevens and J. H. Thomas fishing in Norris Lake. P. L. Beeler had a chance to look over his newly purchased land near Eton Cross Roads.

Get well wishes are sent to



MORE MEMBERS of the Society for Nondestructive Testing are seen in the photos above... in the first row, reading from left, are Bobby W. Godfrey, Jack Johnson, Earl Price, and B. P. Hampton. The second row includes J. B. Bridges, Charles W. Boggs, George W. Bailey, and Ernest K. Martin. In the third row are J. B. Davis, W. D. Clapp, James K. Castleberry, and William E. Brown. The fourth row includes L. M. VanArsdall, J. W. Garber, Louis M. Fitzgerald, and L. J. Eggert.

## Nondestructive Testing Group Ends First Workshop Session

The local section of the Society for Nondestructive Testing has just completed its first workshop on "Safe Handling of Radioisotopes In Industry." Speakers for the successful venture included W. F. Kraemer, MD, radiologist, University of Tennessee Memorial Research Center and Hospital who lectured on "Matter and Radiation."

Also among the speakers were John W. Brown Jr., public relations chairman of the East Tennessee Chapter of the Health Physics Society; T. A. Lincoln, MD, ORNL, medical director of

the Health Division; Herbert B. Gertner, MD, in charge of ORNL's training program for radioisotope applications to medical diagnoses; and H. M. Butler, engaged in the field of Health Physics at ORNL.

The local SNT is already planning another such workshop for next year, due to the resounding success of this year's program.

Some 45 Y-12ers are active in the local SNT chapter.

At the May 12 meeting officers were nominated for the 1964-65 season and these appointments will be announced shortly by SNT.

## 'Worker's Paradise' Hard On Shoe Leather

A semi-skilled employee in the Soviet Union is required to work approximately 10 days to earn enough money to purchase a pair of shoes. He earns about three rubles a day. The comparable job-holder with Union Carbide Corporation earns enough to buy a pair of shoes of far superior quality in approximately three hours. Phooey on the Bolsheviks and their 'worker's paradise!'

C. D. Langley and J. C. Sims. Condolences are extended to E. F. Sosby and family in the recent death of his brother-in-law.

Vacationers include L. R. Nolan soaking fishing lines on Fontana Lake, G. L. Carson visiting in Louisville, Ky., I. J. Maples in the Smokies fishing. D. C. Brown is also on vacation trying out his new boat and hopes to catch a lot of fish.

Freeway drivers are playing "What's My Lane?"

## Surplus Vehicle Sale Announced

A variety of cars and trucks are listed in the current surplus vehicle sale. There are Chevrolet, Dodge and Ford Trucks — pickups, carryalls and panels, in addition to Chevrolet, Ford and Studebaker Sedans.

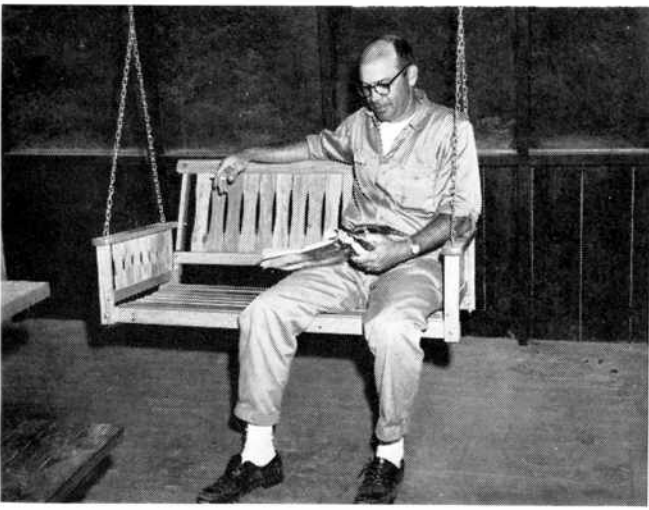
Inspection and sale of the vehicles are to be at Warehouse 9929-1, off Bear Creek Road, west of Y-12. Inspection may be made from 8:00 a.m. to 4:00 p.m., starting May 20 and up to the time the bids are closed for each lot.

The sale will start at 10:00 a.m. June 3, and it is anticipated that successful bidders may pay for and remove their purchases after 2:00 p.m. the same day.

More information on the sale, or any of the above items, may be obtained by calling extension 4601.

Safekeeping vital information is every Y-12er's responsibility.





"BO" IS SHOWN relaxing on the cabin porch, waiting for the big ones to start jumping. He then takes flyrod

in hand, tries to lure the fish to bite. In the background is Glover cabin. After a hard morning on the lake,

nothing tastes better than a rare, charcoal steak or fresh-fried fish.

## Slo-Pitch Competition Commences

The interplant softball league got underway Tuesday, May 11, with three big games at the Pine-wood field.

The season opener was a close duel between the Mets and the Rebs. Led by the timely hitting of Bryson and Mahaffey, who had a double and homer each, the Rebs left the field with a 7 to 6 victory. Each team recorded 10 hits for the night. Leading the way for the Mets with triples were Way and Carden; Riggs for the Rebs also had a three bagger.

The middle encounter of the evening was a slugfest between the Bat Boys and the K-25 Instruments with the former defeating the latter by the tune of 17 to 16. The old ball took a pounding as 42 hits were splattered over the park. The big blow was struck by Duncan of the Instruments with a homer; Howard and Border, Instruments, and Abele of the Bat Boys hit triples.

The final action of the evening was between the Big Shop and the Teds, with the Teds coming home with a 19 to 6 victory. The man of the hour for the winners was Rose with two round trippers and a double. Parthea led the losers with a triple with All-stun, Rebs, and Gibson of the Big Shop had doubles.

The Wednesday night action involved the clubs that were rained out Monday. The Lucky Ten took a forfeit from the Cherokees in the 6 p.m. encounter.

The Peons and the Beanballs squared off in the middle game of the evening with the Beanballs winning by a 6 to 4 count. Hensley, Martin and Gadd led the winners with two hits each. Wright of the Peons hit the only home run of the game.

The final game of the evening between the Reagents and the Eagles was won by the Eagles by a 33 to 6 score. The big bats of the winners gathered eight homers as Reber and Koon hit two round trippers each. Hulsey, Cadden, Evans and Pridgeon hit for single homers. Peters hit a triple for the losers.

### Thursday Action

The Gophers opened the triple header with a 11 to 1 win over the Lucky Ten. Burchfield hit the only homer of the game. Joe Blanton of the Lucky Ten and Blevins of the Gophers hit triples.

The middle game saw the Peons defeat the Cherokees by a 26 to

4 margin. Johnson got a single round tripper for the winners and Stair doubled for the losers.

Final action of the week gave the Rebs a 20 to 10 win over the Eagles. Homeruns were recorded by Strike, Riggs and Butturini for the Rebs and Richards and Pridgeon for the Eagles.

### Don't Knock Beatles . . . Cash Registers Ring!

Don't knock the Beatles too hard. There's a new group in Britain called "The Snobs," who are coming up fast. They wear 17th century clothes, white-powdered wigs and have a butler hand them snuff, brandy and guitars. (Union Carbide's vinyl resin is used in the manufacturing of phonograph records. RCA recently added a third shift to keep up with the Beatles album demand.) A wig manufacturer in New York is turning out 15,000 Beatle hairpieces a day. (He uses Union Carbide's modacrylic fiber "Dy-nel" in the wig manufacturing!) We love the Beatles!

## Tee-Off Times To Be Assigned Tomorrow As Y-12ers Return To Wallace Hills Club

You 157 Y-12 golfers who blazed the greens at Wallace Hills, Saturday, May 9 . . . come on out. There's another tournament a-brewing for this weekend. Tee-off times will go out tomorrow, Thursday, May 21, at 7:30 a.m. in the Recreation Office, Building 9704-2.

The green fee for this tournament will also be \$2.50 like last time . . . so golfers get on your

Bermudas and tee-shirts . . . time's awasting.

Only one man need show up per foursome to draw for tee-offs. Times will be assigned every seven minutes from 6 a.m. until noon.

We'll see all you Arnie Palmers and Gary Players in Recreation tomorrow . . . then again at Wallace Hills, Maryville, Saturday.



ACTION AT WALLACE HILLS during the May 9 tournament shows several Y-12ers awaiting their turn at the tee. The gentlemen in the foreground are the Sise's (father and son) preparing for the long march.



TROPHIES OF YESTERYEAR are on display in the Glover cabin. "Bo" is holding a prize caught by the lady of the house.

## 'Bo' Glover Enjoys A Typical Vacation Of Leisure On Lake

What does a Y-12 employee do on a bachelor vacation. The Bulletin found out last week. He does simply what he likes to do.

D. L. "Bo" Glover, Electrical Maintenance, took the week of May 4 through the 8th, to do nothing but fish, entertain friends and just laze around in his Watts Bar lake front cabin.

The Glover cabin is located just off Eagle Furnace Road (In Roane County, a few miles to the west of Rockwood) on White Herren Drive, site of several cabins belonging to Oak Ridgers.

Bo and wife, Mary, purchased the land shortly after the Tennessee Valley Authority put these beautiful lake front lots up for sale. The Groviers spent many hours clearing the land in order to build the neat red shingled cabin.

Bo says he had some help from mother nature in land-clearing techniques on the very day he purchased the nine tenths acre—lightning struck and brought down a big tree that had to be cleared for the cabin.

### As Any Fool Can See

An interesting little story came up during Spring Clean-Up Week. It seems inspectors found a bottle improperly marked down in 9202. The container was filled with asbestos powder . . . but was labeled "dill pickles." It had a flammable sticker on it also. The inspectors wrote it up. Then some wag came along and penned: "It's asbestos powder . . . as any fool can see."

On re-inspection, the inspectors came back with: "A fool will only the contents 'eye' . . . The chemist will on the label rely."

The entire lot has been cleared of underbrush; beautiful shade trees surround the cabin. Bo says he prefers "clear-land" in order to be able to see those "crawling things" just a bit quicker.

One major improvement, of which Bo is very proud, is the lake wall he built that protects most of his shoreline.

### Gets Early Start

Bo began his bachelor vacation (He left the folks at home) after work on Friday, May 1 — going to the cabin that evening to start soaking the first of many fishing lines.

Old fishing buddies dropped in early Saturday morning to help him occupy boat and lake front space to go after the big ones. The rain didn't interrupt Bo and friends from fishing "chores". The fellows left Sunday evening to return to the wilds of work.

Bo spent Monday and Tuesday dragging fishing lines through Watts Bar waters around the fabled Goat Island and Blue Springs Area. Early Thursday morning, awakened by the shrill notes of the birds, Bo took the boat and headed for Holiday Lake in the Crossville area. From this adventure, a big stringer of fish returned with Bo to the cool quietness of the cabin in the pines on Watts Bar.

For the next two days, resting, fishing and eating were his tasks. On Friday, in the mist of a very peaceful evening, the sound of a car was heard in the driveway. His family had come to join him for the weekend.

His bachelor vacation was over. It was fun while it lasted—this doing the things that you really like to do.

Line Scores			
	R	H	E
Rebs	7	10	5
Mets	6	10	2
Batteries: Rebs: Lawhorn and Buckley. Mets: Fourman and Keith.			
	R	H	E
Instruments	16	19	9
Bat Boys	17	23	12
Batteries: Instruments: Strickland and Smith. Bat Boys: Sims and Morgan.			
	R	H	E
Teds	19	15	4
Big Shop	6	12	7
Batteries: Teds: Stinnet and Fogg. Big Shop: Calbough and Parthea.			
	R	H	E
Peons	4	7	2
Beanballs	6	12	1
Batteries: Beanballs: Gadd and Rector. Peons: Grubb and Kean.			
	R	H	E
Reagents	6	8	9
Eagles	33	26	3
Batteries: Eagles: Bell, Cadden; Huber, Pawley; Reagents: Peters, Thompson; Williams.			
	R	H	E
Eagles	10	17	4
Rebs	20	19	2
Batteries: Rebs: Lawhorn and Buckley; Eagles: Bell, Cadden; Stollard, Pawley.			
	R	H	E
Cherokees	4	7	11
Peons	26	24	4
Batteries: Peons: Grubb and Davis; Cherokees: Stair and Pearson.			
	R	H	E
Lucky Ten	1	3	4
Gophers	11	13	2
Batteries: Lucky Ten: Lewis, Dunlap and Collins; Perry; Gophers: Halland, Burchfield and Ryder.			
STANDINGS			
Team	W	L	
Rebs	2	0	
Teds	1	0	
Bat Boys	1	0	
Beanballs	1	0	
Gophers	1	0	
Eagles	1	1	
Peons	1	1	
Lucky Ten	1	1	
Big Shop	0	1	
Mets	0	1	
K-25 Instruments	0	1	
Reagents	0	1	
Cherokees	0	2	
Atoms	0	0	



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**OUCH, PAPA-SAN, THAT SMARTS** . . . says ORNL's Dick Lindauer as Y-12's Jim Brummett tosses him off like a green salad. Jim is currently an instructor in the ancient judo sport, held each Monday night at Oak Ridge's YMCA.

## Brummett Teaches Judo Art Every Monday At Ridge YMCA

Judo, as a sport, is not very well known in the Western World. Most people associate death-dealing blows on the back of the neck with the ancient sport . . . not so, say the judo enthusiasts around the plant.

Each Monday from 6 p.m. until 9 the Oak Ridge Judo Club works out at the YMCA, Oak Ridge. Instructor Jim Brummett, Technical Reports, says the more the merrier and all who wish to learn the manly art are welcomed to attend.

The judoka (or judo men) practice it only as a sport to be played with other judo men. It is not intended as a self-defense

application.

Judo means literally the "gentle way" and Kodokan means "a school of studying the way," . . . the way being a concept of life itself.

The judo-gi or costume should be worn clean with the jacket tucked under the belt. Finger and toe nails should be kept short. The general rules of good health apply in the sport, as with all parts of athletics. In judo a person can set his own pace of practice.

Y-12ers may be interested in the body-building mechanics of the ancient judoka . . . if so . . . come on out!



Ride wanted from Hillside Road, Oak Ridge, to East Portal, straight day. Betty Gasaway, plant phone 7-8876.

Ride wanted from Oak View Road, Fountain City, Knoxville, to Central Portal, straight day. Joyce A. Casteel, plant phone 7-8063, home phone Knoxville 523-8390.

Ride wanted from Alcoa Highway (C'est Bon Area) to North Portal, straight day. A. W. Maxey, plant phone 7-8602, home phone Knoxville 577-7432.

Rider wanted from the Washington Pike, Whittle Springs Rd., Cecil Street, or Lincoln Park Section, Knoxville, to East or Cen-

tral Portal, straight day. J. F. Baker, home phone, Knoxville 523-4542.

Will join car pool from Cumberland Estates section, Knoxville, to Central Portal, straight day. Jim George, plant phone 7-8897, home phone, Knoxville, 588-6474.

### Typical Y-12 Vacations Are Being Readied

Special stories on typical Y-12 vacations are already lined up for May and June. The D. L. "Bo" Glover (he's in Electrical) story is in this issue of the Bulletin, and tells of his place on Watts Bar . . . and the Floods (Charlie, Process Maintenance; and Theira, Chemical Engineering Development) are taking the boys to the World's Fair in June.

Do you have an interesting vacation coming this year? Give the Bulletin a ring on extension 7100.



Congratulations to these employees celebrating anniversaries this week.

#### 20 YEARS

**Merritt C. Wiest**, Special Projects, May 20.

**Lloyd A. Tolliver**, Beta 2 Forming, May 21.

**Meta D. Butler**, Wage Standards and Personnel Records, May 22.

**Noble H. Campbell**, ORNL Chemical Services, May 23.

**Winfred Ray**, Beta 2 Forming, May 23.

**Henry H. Stoner**, Superintendents' Division, May 26.

#### 15 YEARS

**Burkett I. V. Bailey**, Safety Department, May 22.

#### 10 YEARS

**William W. Ballard**, Dimensional Inspection, May 19.

**Charles A. Crutchfield**, Research Services, May 20.

**Columbus E. Nichols**, General Field Shop, May 20.

**George L. Day**, Dimensional Inspection, May 20.

**James E. Blakney**, Dimensional Inspection, May 20.

**Jesse T. Braden**, Quality Assurance, May 20.

**J. B. Loy**, Dimensional Inspection, May 20.

**James H. Morgan**, 9212 Shops, May 20.

**George Hyatt**, E. M. C-Wing and 9206 Shops, May 20.

**Elroy Plemens**, H-2 and F Area Shops, May 20.

**Thomas J. Todd**, Beta 4 Forming, May 21.

**Alfred P. Brown**, Janitors, May 22.

**Warren H. Asbury**, Graphite Shop, May 24.

**Junior L. McGinnis**, Quality Assurance, May 24.

**Arden D. Leach**, Assembly Operations, May 25.

**Carl E. Welch**, Utilities, May 25.

**Ronald E. Crabtree**, Laboratory Operations, May 25.

**Robert J. Hutchens**, Quality Assurance, May 26.

**Bryan W. Heath**, Tool Grinding, May 26.

**Louis A. Watson**, General Machine Shop, May 26.

**Claude B. DeLozier**, Dimensional Inspection, May 26.

**Carl M. Cheek**, H-2 and F Area, May 26.

**Earl B. Seeber**, H-2 and F Area, May 26.

**Roy E. Liles**, Beta 4 Heavy Machine Shop, May 26.

**John C. Kendrick**, ORNL Chemical Services, May 26.

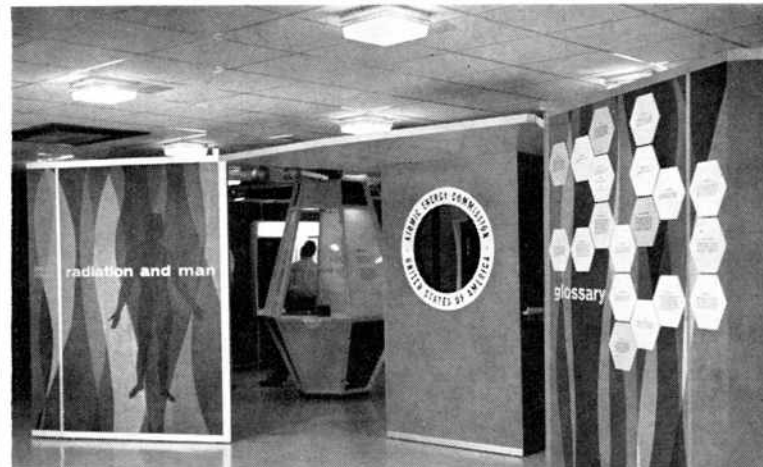
**Paul E. Melton**, Accounting and Budget, May 26.

## Playhouse To Hold Try-Outs Sunday

The Oak Ridge Playhouse will hold tryouts next Sunday, May 24, at 2:00 p.m. and 8:00 p.m. for roles in the second summer production, "Take Her, She's Mine."

Six men and one woman, thirty-five and over, plus six boys and six girls between the ages of seventeen and twenty are required to fill the various roles which are available.

"Take Her, She's Mine" was a long-running hit on Broadway which starred Art Carney. The plot centers on a nice well-to-do family in Southern California whose oldest daughter is about to set off for a fancy Eastern college. Her father expects great things of her, and when he discovers she is as normal as apple



**THE ENTRANCE** to the exhibit starts the visitor off with a glossary of technical terms used to explain the story of radiation — its causes, effects, and uses. Using the child's natural curiosity, Atomsville, USA, provides vivid explanations of the many aspects and uses of nuclear energy. A series of graphic displays pose questions of the what, who, how, why, and where variety, and the child gets the answers by pushing buttons, manipulating levers, or otherwise activating the scores of mechanical and electronic devices that make up the exhibit.

## Atomsville, USA

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simulated reactor power be brought up too fast, it will scam, as would a real reactor.

Other special devices in the children's exhibit include a control board at which the young visitors may create patterns of different atoms; an atomic model viewed through a small aperture which gives the impression that the viewer is actually inside matter; a "pinball" machine to demonstrate the effect of shooting a neutron into a uranium-235 nucleus; and an "atomic scale" on which a child can read his weight in atoms.

### Radiation And Man Section

The "Radiation and Man Section" includes animated devices that demonstrate what happens when a person is X-rayed; the rapid decrease in intensity of radiation with increasing distances from the source; and the half-life of radioactive materials by use of synchronized curve; clock and lights that go out to represent atomic disintegrations.

## Quite A Drinker . . . That Tom Farr!

"I like my drinks neat," said Tom Farr. . . .

"Eighteen shots in a row, at a bar."

"And to prove I'm not kidding I'll drink at your bidding."

Now his liver's on view in a jar. (Selected.)

pie and insists upon going through all the necessary freshman phases, he nearly has hysterics. By the end of the play, however, the two have adapted to their respective situations.

The play will open on July 24 for six performances. For further information about tryouts or the playhouse, contact Director Paul Ebert.

## Editor Attends News Conference

James A. Young, editor of the Y-12 Bulletin, attended the 26th Annual Conference on Business Communication, held in Asheville, North Carolina last week.

The conference is sponsored by the American Association of Industrial Editors, and this year was hosted by Appalachian Industrial Editors Association, an affiliate of AAIE.

On Friday, May 15, Editor Young was a panel member on a discussion of the position of company publications in national and local politics. Co-panel member was William Chambliss, editor for Nationwide Insurance Company, Columbus, Ohio. The discussion was moderated by James F. Minehan, New York Electric and Gas Corporation, Binghamton, New York.

Prominent speakers from the world of communications included Harold Hayes, editor of Esquire; Harrison F. Dunning, president of Scott Paper Company; Senator Thruston B. Morton of Kentucky; Harry Golden, editor of the Carolina Israelite; Wilma D. Stokely, novelist. The theme of the conference was "People, Prose and Politics."

Editor Young is vice president of the AIEA, which includes writers from East Tennessee, Western North Carolina and Virginia.

### LOVE IN BLOOM

Three states in the USA have towns named Romance.